

SEARCH REQUEST FORM

Scientific and Technical Information Center

49

Requester's Full Name: Seema Rao Examiner #: 72547 Date: 5/22/02
Art Unit: 2661 Phone Number 30 _____ Serial Number: _____
Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLYSearcher: KCSSearcher Phone #: 305-4071

Searcher Location: _____

Date Searcher Picked Up: 5/22/02Date Completed: 5/22/02

Searcher Prep & Review Time: _____

Clerical Prep Time: _____

Online Time: 15

Type of Search

NA Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic _____

Litigation X

Fulltext _____

Patent Family _____

Other _____

Vendors and cost where applicable

STN _____

Dialog 141171Questel/Orbit 147476

Dr. Link _____

Lexis/Nexis 1

Sequence Systems _____

WWW/Internet _____

Other (specify) _____

1 / 1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6046968 A 20000404 [US6046968]
TI - (A) Re-writable optical disk having reference clock information permanently formed on the disk
PA - (A) HEWLETT PACKARD CO (US)
IN - (A) ABRAMOVITCH DANIEL Y (US); TOWNER DAVID K (US)
AP - US89942797 19970724 [1997US-0899427]
PR - US89942797 19970724 [1997US-0899427]
IC - (A) G11B-007/00
EC - G11B-007/00M6
G11B-007/007
G11B-020/14A
G11B-027/19
G11B-027/30C
PCL - ORIGINAL (O) : 369047280; CROSS-REFERENCE (X) : 369059200
DT - Corresponding document
CT - US3891794; US3963862; US4238843; US4363116; US4366564; US4375088; US4716560; US4907216; US4972401; US5023856; US5182741; US5315571; US5682365; GB2087628
STG - (A) United States patent
AB - An optical disk structure and optical disk recorder which enables data to be rewritten onto the recording layer of the optical disk. A clock reference structure is permanently formed along servo tracks of the optical disk. An optical transducer is coupled to the clock reference structure and generates a clock reference signal simultaneously with writing new data onto the recording layer of the optical disk. The data is written as data marks along the servo tracks. Each of the data marks includes edges. The edges of the data marks are recorded in synchronization with a write clock. The write clock is phase-locked with the clock reference signal. Therefore, the edges of the data marks are aligned with the clock reference structure with sub-bit accuracy. Standard DVD-ROM disk readers are not able to detect the high spatial frequency of the clock reference structure. Therefore, the optical disk structure and optical disk recorder of this invention allow production of re-writable optical disks which can be read by standard DVD-ROM disk readers.
UP - 2000-13

1 / 1 LGST - ©LEGSTAT

PN - US 6046968 [US6046968]
AP - US 899427/97 19970724 [1997US-0899427]
DT - US-P
ACT - 19970724 US/AE-A
APPLICATION DATA (PATENT)
US 899427/97 19970724 [1997US-0899427]

20000404 US/A
PATENT

20020312 US/Rf

REISSUE APPLICATION FILED
20011127

UP - 2002-12

1 / 1 CRXX - ©CLAIMS/RRX

PN - 6,046,968 A 20000404 [US6046968]

PA - Hewlett-Packard Co

ACT - 20010116 REASSIGNED
MERGER

Assignor: HEWLETT-PACKARD COMPANY DATE SIGNED: 05/20/1998

Assignee: HEWLETT-PACKARD COMPANY INTELLECTUAL PROPERTY
ADMINISTRATION P.O. BOX 272400 FORT COLLINS, COLORADO 80527-240

Reel 011523/Frame 0469

Contact: HEWLETT-PACKARD COMPANY VALERIE BAKES INTELLECTUAL
PROPERTY ADMINISTRATION P.O. BOX 272400 FORT COLLINS, CO 80527-2400

20011127 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020312
REISSUE REQUEST NUMBER: 09/997036
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2753

Reissue Patent Number:

1 / 1 PAST - ©Thomson Derwent

AN - 200211-001658

PN - 6046968 A [US6046968]

OG - 2002-03-12

ACT - REISSUE APPLICATION FILED

LEVEL 1 - 1 OF 1 PATENT

6,046,968

<=2> GET 1st DRAWING SHEET OF 16

Apr. 4, 2000

Re-writable optical disk having reference clock information
permanently formed on the disk

REISSUE: Reissue Application filed Nov. 27, 2001 (O.G. Mar. 12, 2002) Ex. Gp.:
2753; Re. S.N. 09/997,036

CORE TERMS: optical, frequency, transducer, recording, disk, track, layer,
spatial, recorder, servo...

LEXIS-NEXIS
Library: PATENT
File: ALL

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

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For further explanation, press the H key (for HELP) and then the ENTER key.

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2/39/1

*DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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14908206

Basic Patent (No,Kind,Date): EP 893793 A2 19990127 <No. of Patents: 005>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date	
EP 893793	A2	19990127	EP 98305543	A	19980713	(BASIC)
EP 893793	A3	20000419	EP 98305543	A	19980713	
JP 11086289	A2	19990330	JP 98202905	A	19980717	
JP 3025675	B2	20000327	JP 98202905	A	19980717	
US 6046968	A	20000404	US 899427	A	19970724	

Priority Data (No,Kind,Date):

US 899427 A 19970724

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 893793 A2 19990127

OPTICAL DISK (English; French; German)

Patent Assignee: HEWLETT PACKARD CO (US)

Author (Inventor): ABRAMOVITCH DANIEL Y (US); TOWNER DAVID K (US)

Priority (No,Kind,Date): US 899427 A 19970724

Applic (No,Kind,Date): EP 98305543 A 19980713

Designated States: (National) DE; FR; GB; NL

IPC: * G11B-007/007; G11B-007/00; G11B-027/19

Derwent WPI Acc No: * G 99-098013; G 99-098013

Language of Document: English

Patent (No,Kind,Date): EP 893793 A3 20000419

OPTICAL DISK (English; French; German)

Patent Assignee: HEWLETT PACKARD CO (US)

Author (Inventor): ABRAMOVITCH DANIEL Y (US); TOWNER DAVID K (US)

Priority (No,Kind,Date): US 899427 A 19970724

Applic (No,Kind,Date): EP 98305543 A 19980713

Designated States: (National) AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-007/007; G11B-007/00; G11B-007/09; G11B-027/19

Derwent WPI Acc No: * G 99-098013

Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 893793	P	19970724	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
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EP 893793	P	19980713	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
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EP 893793	P	19990127	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
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EP 893793	P	19990127	EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)	
EP 893793	P	19990127	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 893793	P	20000419	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

EP 893793	P	20000419	EP AX	EXTENSION OF THE EUROPEAN PATENT TO (ERSTRECKUNG DES EUROPÄISCHEN PATENTS AUF) AL;LT;LV;MK;RO;SI
EP 893793	P	20000419	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VERÖFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 893793	P	20000419	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 7/007 A, 7G 11B 7/00 B, 7G 11B 7/09 B, 7G 11B 27/19 B
EP 893793	P	20001213	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20001016
EP 893793	P	20001227	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB NL
EP 893793	P	20010502	EP RAP1	APPLICANT REASSIGNMENT (CORRECTION) (ANMELDER UEBERTRAGUNG (KORR.))

HEWLETT-PACKARD COMPANY, A DELAWARE
CORPORATION

JAPAN (JP)

Patent (No,Kind,Date): JP 11086289 A2 19990330
OPTICAL DISC RECORDER (English)
Patent Assignee: HEWLETT PACKARD CO
Author (Inventor): ABRAMOVITCH DANIEL Y; TOWNER DAVID K
Priority (No,Kind,Date): US 899427 A 19970724
Applic (No,Kind,Date): JP 98202905 A 19980717
IPC: * G11B-007/00; G11B-007/24; G11B-019/06; G11B-007/09
Derwent WPI Acc No: * G 99-098013
Language of Document: Japanese
Patent (No,Kind,Date): JP 3025675 B2 20000327
Patent Assignee: HEWLETT PACKARD CO
Author (Inventor): DANIERU WAI ABURAMOBITSUCHI; DEIBITSUDO KEI TAUNAA
Priority (No,Kind,Date): US 899427 A 19970724
Applic (No,Kind,Date): JP 98202905 A 19980717
IPC: * G11B-007/0045; G11B-007/24; G11B-019/06; G11B-007/09
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 6046968 A 20000404
RE-WRITABLE OPTICAL DISK HAVING REFERENCE CLOCK INFORMATION PERMANENTLY
FORMED ON THE DISK (English)
Patent Assignee: HEWLETT PACKARD CO (US)
Author (Inventor): ABRAMOVITCH DANIEL Y (US); TOWNER DAVID K (US)
Priority (No,Kind,Date): US 899427 A 19970724
Applic (No,Kind,Date): US 899427 A 19970724
National Class: * 369047000; 369059000
IPC: * G11B-007/00
Derwent WPI Acc No: * G 99-098013
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):
US 6046968 P 19970724 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 899427 A 19970724
US 6046968 P 20000404 US A PATENT
US 6046968 P 20020312 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
20011127